IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AF/IRw

In re Patent Application

SRIVASTAVA et al.

Serial No. 10/813,43̶6̶

Filed: March 31, 2004

Title: STOCHASTIC ANALYTICAL SOLUTION TO QUANTIFY THE EARTH'S
SUBSURFACE MEAN HEAT FLOW AND ITS ERROR BOUNDS

Atty Dkt. 4062-117
C#   M#

TC/A.U.   2857

Examiner: E. Desta

Date: April 24, 2006

(stamp: APR 24 2006)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☐ **Correspondence Address Indication Form Attached.**

Fees are attached as calculated below:

Total effective claims after amendment   **0**   minus highest number
previously paid for   **20**   (at least 20) =   0   x $50.00 $0.00 (1202)/$0.00 (2202) $

Independent claims after amendment   **0**   minus highest number
previously paid for   **3**   (at least 3) =   0   x $200.00 $0.00 (1201)/$0.00 (2201) $

If proper multiple dependent claims now added for first time, (ignore improper); add
$360.00 (1203)/$180.00 (2203) $

Petition is hereby made to extend the current due date so as to cover the filing date of this
paper and attachment(s)   One Month Extension $120.00 (1251)/$60.00 (2251)
Two Month Extensions $450.00 (1252)/$225.00 (2252)
Three Month Extensions $1020.00 (1253/$510.00 (2253)
Four Month Extensions $1590.00 (1254/$795.00 (2254)
Five Month Extensions $2160.00 (1255/$1080.00 (2255) $

Terminal disclaimer enclosed, add $130.00 (1814)/ $65.00 (2814) $

☐ Applicant claims "small entity" status.   ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee $180.00 (1806) $

Assignment Recording Fee $40.00 (8021) $

Other: $

TOTAL FEE ENCLOSED $ 0.00

The Commissioner is hereby authorized to charge any <u>deficiency</u>, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A <u>duplicate</u> copy of this sheet is attached.

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NIXON & VANDERHYE P.C.
By Atty: Larry S. Nixon, Reg. No. 25,640

Signature: _Larry S. Nixon_

In re Patent Application of

SRIVASTAVA et al.　　　　　　Atty. Ref.: 4062-117; Confirmation No. 3805

Appl. No. 10/813,436　　　　　TC/A.U. 2857

Filed: March 31, 2004　　　　　Examiner: E. Desta

For: STOCHASTIC ANALYTICAL SOLUTION TO QUANTIFY THE EARTH'S
SUBSURFACE MEAN HEAT FLOW AND ITS ERROR BOUNDS

* * * * * * * * * * *

April 24, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE

In response to the <u>final</u> Office Action dated o1/24/2006, reconsideration of this

application is respectfully requested in view of the following remarks.

The only outstanding ground of rejection in this case is the rejection of all claims

1-10 under 35 U.S.C. §101 as allegedly being drawn to non-statutory subject matter

because it has "no practical application". This ground of rejection is again respectfully

traversed.

As explained by the applicant in the specification of this application, methodology

providing analytical closed form solution to quantification of the earth's sub-surface area

heat flow and its error bounds by stochastic analysis has a wide range of applications

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